



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

1021-  
1676

Date of Issuance:

26 OCT 1995

## NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product: NyLar  
Total Release Aerosol  
2615

Name and Address of Registrant (include ZIP Code):

McLaughlin Gormley King Company  
8810 Tenth Avenue N.  
Minneapolis, MN 55427-4372

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

## 2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 1021-1676".
- b. The statements, "Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. In the home all food processing surfaces and utensils should be covered during treatment or thoroughly washed before reuse. Exposed food should be covered or removed. Not for use in USDA Meat and Poultry PLants.", must appear on the label.

Signature of Approving Official:

RPK

Date:

26 OCT 1995

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3. Submit a multiple dose dermal LD50 study within six(6) months to confirm the category III classification for dermal toxicity. Refer to the enclosed Acute Toxicity review for further information. A copy of the Chemistry review is also enclosed for your information.

4. Submit two (2) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Richard P. Keigwin, Jr.  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (7505C)

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8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A.

TELEPHONE (612) 544-0341

[ ] OR ( ) indicates alternate or optional wording

[Nylar®] [brand name] is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes [stops] their growth or development  
 [Nylar®] [brand name] stops [prevents] the insect from developing into egg laying adults  
 [Nylar®] [brand name] can be used as part of an integrated pest management [IPM] program  
 [Nylar®] [brand name] can be a biorational approach to insect control  
 [Nylar®] [brand name] keeps working in areas exposed to the sun

Inhibits reinfestation by cockroaches for up to 180 days [26 weeks] [6 months]  
 Controls [controls] existing cockroaches and effectively breaks the cockroach life cycle  
 Works with nature to interrupt [break] the life cycle of the cockroach  
 Effectively controls [eliminates] cockroach populations by preventing reproduction [thereby eliminating future generations]  
 [Nylar®] [brand name] keeps working on cockroaches for 180 days [26 weeks] [6 months]  
 Stops cockroaches from generating reproductive offspring  
 Prevents [stops] [inhibits] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]  
 [Nylar®] [brand name] works for 180 days [26 weeks] [6 months] against hatching cockroaches [nymphal (preadult) cockroaches] [hatching eggs (nymphs)]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
**26 OCT 1995**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, Nylar® Insecticide registered under EPA Reg. No. 1021-1676

Inhibits reinfestation by fleas for up to 210 days [30 weeks] [7 months]  
 Kills adult and preadult fleas, including flea eggs for 210 days [30 weeks] [7 months]  
 If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults  
 Prevents fleas from developing into the biting adult stage  
 Prevents [stops] eggs, hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] from becoming full grown [developing into] biting adults  
 One treatment works for 210 days [30 weeks] [7 months] against eggs, hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)]  
 Kills present [today's] fleas and prevents new [tomorrow's] fleas from growing up to bite  
 [Nylar®] [brand name] keeps working on fleas for 210 days [30 weeks] [7 months]  
 Controls [stops (kills) (prevents)] stages of fleas that don't resemble fleas

Kills Ticks, Spiders, Ants and other listed insects  
 Also kills [controls] Deer Ticks and other Ticks that may carry and transmit Lyme Disease

ONE UNIT TREATS UP TO 6,000 CUBIC FEET.

ACTIVE INGREDIENTS:

Pyrethrins.....	0.050%	✓
*Piperonyl butoxide, technical.....	0.100%	✓
**N-Octyl bicycloheptene dicarboximide.....	0.167%	✓
(S)-cyano(3-phenoxyphenyl)methyl-(S)-4-chloro-alpha-(1-methylethyl)benzeneacetate.....	0.100%	
2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine.....	0.600%	✓
***INERT INGREDIENTS.....	98.983%	
	100.000%	

\*Equivalent to 0.080 % (butylcarbityl) (6-propylpiperonyl) ether and 0.020 % related compounds.

\*\*MGK® 264, Insecticide Synergist

\*\*\*Contains petroleum distillate

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NYLAR, MGK® - Registered trademarks of McLaughlin Gormley King Co.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration pneumonia hazard.
- IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.
- IF ON SKIN OR CLOTHING: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.
- IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Contains petroleum distillate. Do not induce vomiting because of aspiration pneumonia hazard. Do not breathe vapors or spray mist. Avoid contact with skin, eyes, or clothing. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contamination of food or feedstuffs.

Do not treat establishments where livestock feed is present.

Remove pets, birds, and cover fish aquariums before spraying.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting.

[EVERCIDE® NYLAR® TOTAL RELEASE AEROSOL 2615] [brand name] contains a combination of three active ingredients that stops [blocks] [interrupts] [terminates] the cockroach and flea life cycle in three ways and controls [kills] other listed insects. The first active ingredient is [Nylar®] [brand name], an insect growth regulator, that will not allow the cockroach or flea to reproduce viable offspring thereby providing long term [residual] control. [Nylar®] [brand name] inhibits development of the immature stages of the cockroach and flea preventing them from reaching the adult stage. [Nylar] [brand name] is similar to insect growth hormones that occur naturally in insects causing interference with their growth and development.

[EVERCIDE® NYLAR® TOTAL RELEASE AEROSOL 2615] [brand name] with [Nylar®] [brand name] will inhibit [stop] the cockroaches' natural ability to reproduce, thereby eliminating future generations and contains an active ingredient [adulticide] that kills existing cockroaches. This powerful formula reaches cockroaches through cracks and crevices to kill them where they hide. Cockroaches exposed to [Nylar®] [brand name] will have crinkled wings, showing it has affected the population and that these cockroaches cannot reproduce. Immature cockroaches [nymphs] are prevented from developing into reproductive adults, thereby effectively breaking the cockroach life cycle. [EVERCIDE® NYLAR® TOTAL RELEASE AEROSOL 2615] [brand name] inhibits the cockroaches natural ability to reproduce future generations by preventing [stopping] [inhibiting] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults].

[This fogger] [brand name] kills adults, eggs and hatching fleas [preadult (larva) fleas] [hatching eggs (larvae)]. It kills hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] [before they grow up to bite]. [Nylar®] [brand name], the insect growth regulator in this fogger, continues to kill [control] eggs, hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] for 210 days [20 weeks] [7 months] by preventing their development into the adult biting stage.

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[This fogger] [brand name] kills adults, eggs and hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)]. It kills hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] [before they grow up to bite]. [Nylar®] [brand name], the insect growth regulator in this fogger, continues to kill [control] eggs, hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] for 210 days [30 weeks] [7 months] by preventing their development into the adult biting stage. [EVERCIDE® NYLAR® TOTAL RELEASE AEROSOL 2615] [brand name] can be used to control [kill (interrupt) (terminate) (block)] fleas hidden in carpets, rugs, draperies, upholstery, pet bedding, floors, cracks, crevices and cabinets. Occasionally, adult fleas may be present in treated areas when reintroduced from infested animals.

To protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application and prior to re-entry. As part of a complete flea control program use EPA registered [brand name] outdoor [lawn] [home and garden] spray, [brand name] [pressurized] flea and tick [indoor] [premise] spray.

Kills [controls] insects [on contact] [such as]:

- |  |   |            |  |
|--|---|------------|--|
| Cockroaches [adults (nymphs)]            | Sowbugs                                   | Spiders    | Fleas [adults (larvae) (eggs) (preadult)]    |
| Smokey Brown Cockroach [adults (nymphs)] | Killipedes                                | Scorpions  | Ticks [that carry and transmit Lyme Disease] |
| Brown Banded Cockroach [adults (nymphs)] | Beetles                                   |            | Brown Dog Ticks                              |
| Asian Cockroach [adults (nymphs)]        | Ground Beetles                            |            | Lone Star Ticks                              |
| German Cockroach [adults (nymphs)]       | Elm Leaf Beetles                          |            | Deer Tick                                    |
| American Cockroach [adults (nymphs)]     | Boxelder Bug                              |            | Other Ixodid species                         |
| Australian Cockroach [adults (nymphs)]   | Earwigs                                   |            | American Dog Tick                            |
| Oriental Cockroach [adults (nymphs)]     | Lice                                      | Dust Mites | Gulf Coast Tick                              |
| Waterbugs [adults (nymphs)]              | Pillbugs                                  |            |  |
| Palmetto Bugs [adults (nymphs)]          | Clover Mites                              |            | Foraging Ants [Fire Ants] [Pharaoh Ants]     |
| Crickets [adults (nymphs)]               | Dermeestids [Carpet Beetles (Trogoderma)] |            |  |

- |                         |                              |                                    |
|-------------------------|------------------------------|------------------------------------|
| Granary Insects         | Centipedes                   | Carpenter Ants [Eastern (Western)] |
| Flat Grain Beetles      |                              |                                    |
| Caddises                | Rice Weevils                 |                                    |
| Flour Beetles           | Midges                       | Flying Moths                       |
| Cigarette Beetles       | Flies                        | Almond Moth                        |
| Drugstore Beetles       | Gnats                        | Chocolate Moth                     |
| Lesser Grain Borer      | Cluster Fly                  | Tobacco Moth                       |
| Merchant Grain Beetle   | Mosquitoes                   | Indian Meal Moth                   |
| Sawtoothed Grain Beetle | Sciarid Fly                  | Indian Mealworm                    |
| Grain Weevils           | Firebrat                     | Angoumois Grain Moth               |
| Warehouse Beetle        | Silverfish                   | Hornets                            |
| Red Flour Beetle        | Booklice                     | Carpenter Bees                     |
| Confused Flour Beetle   | Bedbugs                      | Wasps                              |
| Grain Mites             | Wood Borers (exposed stages) | Yellowjackets [Eastern (Western)]  |

use in [including, but not limited to] [such as]:  
Apartments, Atriums, Attics, Automobiles, Basements, Bathrooms, Boats, Cabins, Campers, Cat Sleeping Quarters, Closed Porches, Clothes Storage, Condominiums, Dens, Dormitories, Drive-Ins, Drugstores, Factories, Food Plants, Garages, Homes, Hospitals, Hotels, Institutions, Kennels, Kitchens, Lanais, Living Rooms, Locker Rooms, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Play Rooms, Railroad Cars, Recreation Vehicles, Restaurants, Rooms, Schools, Ships, Swimming Pools, etc.

use in [including, but not limited to] [such as]:

6 9 6  
Apartments, Atriums, Attics, Automobiles, Basements, Bathrooms, Boats, Cabins, Campers, Cat Sleeping Quarters, Closed Porches, Clothes Storage, Condominiums, Dens, Dormitories, Drive-Ins, Drugstores, Factories, Food Plants, Garages, Homes, Hospitals, Hotels, Institutions, Kennels, Kitchens, Lanais, Living Rooms, Locker Rooms, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Play Rooms, Railroad Cars, Recreation Vehicles, Restaurants, Rooms, Schools, Ships, Solariums, Storage Areas, Sun Rooms, Supermarkets, Taverns, Theaters, Trailers, Trucks, Utility Rooms, Verandas, Veterinaries, Warehouses, Washrooms and Zoos.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

For use only when building has been vacated by human beings and pets. Ventilate area 30 minutes before re-entry.

For best results, treat all infested areas [sites]. Use one fogger for each 6,000 cubic feet (approximately 27 ft x 27 ft x 8 ft ceiling) of unobstructed area. Use additional units for remote rooms or where the free flow of mist is not assured. Do not use more than one unit per average size room. Do not use this unit in a cabinet or under a counter or table.

#### PREPARATION

Remove or cover exposed food, dishes, utensils, surfaces and food-handling equipment. Shut off fans and air conditioners. Put out all flames and pilot lights. Close outside doors and windows. Remove pets and birds but leave pets' bedding as this is a primary hiding place for fleas and must be treated for best results. No need to discard pet bedding after treatment. Cover or remove fish tanks and bowls. Leave rugs, draperies and upholstered furniture in place. This product will not harm furniture when used as directed. Open interior closet doors and cabinets or areas to be treated.

For more effective control of Cockroaches [Smokey Brown Cockroach, Brown Banded Cockroach, Asian Cockroach, German Cockroach, American Cockroach, Australian Cockroach, Oriental Cockroach, Oriental Cockroach], [Crickets, (Waterbugs and Palmetto Bugs)] and storage pests [Flour Beetles, Cigarette Beetle, Drugstore Beetle, Lesser Grain Borer, Merchant Grain Beetle, Sawtoothed Grain Beetle, Grain Weevils, Warehouse Beetle, Red Flour Beetle, Confused Flour Beetle] open all cupboard doors [kitchen, bathrooms, pantry], and drawers for better penetration of fog. Remove all infested foodstuffs and dispose of in outdoor trash.

For flea and tick control, thoroughly vacuum all carpeting, upholstered furniture, along baseboards, under furniture and in closets. Put vacuum bag into a sack and dispose of in outside trash. Mop all hard floor surfaces.

READ ALL DIRECTIONS AND CAUTIONS BEFORE USING

**TO START FOGGING: SHAKE FOGGER WELL BEFORE USING:** Hold can at arm's length with top of can pointing away from face and eyes. Push down on finger pad until it locks. This will start the fogging action. Set canister in an upright position on a table, stand, etc. (up to 30 inches in height in the center of the area and place several thicknesses of newspaper under the canister to prevent marring of the surface. Treat the whole dwelling using additional units as required but not to exceed one unit per room. Leave the building at once.

**DO NOT RE-ENTER BUILDING FOR TWO HOURS.** After two hours, open all outside doors and windows, turn on air conditioners and/or fans and let treated area air for 30 minutes before reoccupying. If additional units are used for remote rooms or where free flow of mist is not assured, increase airing-out time accordingly. Thoroughly clean all food processing areas before using. After first use, treat twice more about 3 months apart.

Do not use this unit in a cabinet or under a counter or table. Do not use this unit in an area less than 100 cubic feet.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a cool, dry place. Keep container closed.

**DISPOSAL:** Replace cap and discard container in trash. Do not incinerate or puncture.

Net Contents \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GUNACEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427